

Geon™ Vinyl Flexible D6500

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible D6500 is a Flexible Polyvinyl Chloride product. It can be processed by extrusion and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Primary characteristic: low gloss.

General Information			
UL YellowCard	E41877-234239		
Features	General Purpose		
	Low Gloss		
Uses	General Purpose		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.49	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	61		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Break	6.89	MPa	
100% Strain	3.45	MPa	
Tensile Elongation ² (Break)	360	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ³	22.8	kN/m	ASTM D624
Compression Set (23°C, 22 hr)	30	%	ASTM D395
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-36.7	°C	ASTM D746
Extrusion	Nominal Value	Unit	
Melt Temperature	168 to 174	°C	
NOTE			
1.	510 mm/min		
2.	510 mm/min		
3.	Die C, 510 mm/min		

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Recommended distributors for this material

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